

Lucia R. Weinman

Rutgers University
Graduate Program in Ecology & Evolution
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EDUCATION

Rutgers University, New Brunswick

PhD candidate, Graduate Program in Ecology and Evolution, Sept. 2017 – present

Advisor: Dr. Rachael Winfree

Columbia University, New York

BA, Environmental Biology, May 2014.

Senior thesis: “A comparison of single nucleotide polymorphism and microsatellite markers for analysis of parentage in a cooperatively breeding bird.”

Advisor: Dr. Dustin Rubenstein

FELLOWSHIPS & AWARDS

Presidential Fellowship, Rutgers University Graduate School-New Brunswick, 2017-2022 - \$75,000

EOAS Graduate Assistantship, School of Environmental and Biological Sciences, Rutgers University, 2017-2019 - \$59,208

PUBLICATIONS, PEER REVIEWED

Simpson, D. T., **Weinman, L. R.**, Roswell, M., Genung, M. A., MacLeod, M., Winfree, R. (In prep). From monocultures to communities: the importance of pollinator diversity in real-world systems.

Smith, C., **Weinman, L. R.**, Gibbs, J., Winfree, R. (2019). Specialist foragers in forest bee communities are small, social or emerge early. *Journal of Animal Ecology*, 88(8), 1158-1167.

Weinman, L. R., Solomon, J. W., & Rubenstein, D. R. (2015). A comparison of single nucleotide polymorphism and microsatellite markers for analysis of parentage and kinship in a cooperatively breeding bird. *Molecular Ecology Resources*, 15(3), 502-511.

REPORTS & OTHER PUBLICATIONS

Smith, C., **Weinman, L.R.**, Genung, M., Harrison, T., MacLeod, M., Winfree, R. (2017). Restoring habitat for forest bees in the eastern USA. Report for the Xerces Society for Invertebrate Conservation.

Weinman, L.R. and Lowe, E. (Nov. 2016- Jan. 2017; June 2017)

Reviewed and synthesized literature on bee declines and habitat requirements in support of Xerces Society Bee Better Certification™ criteria and website.

Winfree, R., **Weinman, L.R.**, Criscione, J., Lowe, E. (2017). Rutgers Extension Fact Sheet: Supporting bees in your garden or on your farm. Rutgers Agricultural Extension.

SERVICE

Student seminar coordinator, Graduate Program in Ecology and Evolution, Rutgers (Sept. 2019 - present)

Reviewer, joint USGS and National Park Service report on patterns of bee biodiversity in habitats vulnerable to effects of climate change in the eastern US (Oct. 2019)

Reviewer, *Molecular Ecology Resources* (June 2016, June 2017)

PROFESSIONAL EXPERIENCE

Technician, Winfree Lab, Rutgers University, New Brunswick, (March 2016 - Aug. 2017, seasonally)

Chicago Botanic Garden CLM Intern, Mid-Atlantic Regional Seed Bank (June 2015 – Dec. 2015)

TEACHING

Teaching assistant, Rutgers, SEBS: Plant Ecology (Sep. 2019 - Dec. 2019)

Teaching assistant, Rutgers, SEBS: Principles of Ecology Laboratory (Jan. 2020 - May 2020)

OUTREACH

Guest speaker, Indiana Dunes National Park, IN, Apr. 2019

Guest lecturer, Master Ecologist course, Duke Farms, NJ, Sept. 2018

Guest speaker, Franklin Park Public Library, NJ, Apr. 2017

Guest speaker, Rutgers Gardens, NJ, Feb. 2017

Guest speaker, Environmental Education Center at Lord Stirling Park, NJ, Jan. 2017